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| Conor McCauley  Computer Science Student | XXX XXXXXXXXX XXXXX  XXXXXX, XXX XXXX  **(XXX) XX-XXX-XXXX**  **conormccauley1999@gmail.com** |
| PERSONAL DECLARATION I am a passionate and hard-working problem solver. My employers usually come to me to solve issues that others have been unable to. I am also a quick-learner who enjoys tackling difficult or unfamiliar problems. EXPERIENCEMicrosoft Ireland, Dublin — *Site Reliability Engineer Intern*JUNE 2020 - SEPTEMBER 2020 - Developed an extension for Microsoft Teams that would allow internal on-call teams to configure, schedule and automate the delivery of handover reports using C# and ASP.NET. Ultan Technologies, Dublin — *Software Developer/Database Administrator*MAY 2019 - JUNE 2020 - Worked on the development of a proprietary job importing tool in C# for our API used by many of our clients.  - Developed a dynamic tool to extract, store and visualise salient data from various providers’ energy bills using Python, SQL and Tesseract OCR. Ultan Technologies, Dublin — *Software Developer/Database Administrator*MAY 2018 - SEPTEMBER 2018 - Rewrote the SQL procedures used by the Sustainable Energy Authority of Ireland’s (SEAI) Monitoring & Reporting (M&R) system for calculating renewable energy usage leading to quicker and more accurate calculations. Ultan Technologies, Dublin — *Software Developer/Database Administrator*JUNE 2017 - SEPTEMBER 2017 - Developed a dynamic unit testing framework using Selenium and C# for the SEAI M&R system to allow their testers to easily automate mass-testing. Ultan Technologies, Dublin — *Intern Software Developer*JUNE 2016 - SEPTEMBER 2016 - Developed a set of SQL database procedures for the SEAI M&R system to find and rectify data errors/inconsistencies. EDUCATIONTrinity College Dublin — *Computer Science (MSc)*SEPTEMBER 2017 - PRESENT Junior Sophister - First Class Honours  Senior Fresh - First Class Honours  Junior Fresh - First Class Honours | SKILLS  * **Very Proficient:** Python, C#, SQL, Java, general Linux use. * **Quite Proficient:** C/C++, algorithms & data structures, PHP, HTML/CSS/JS. * **Some Proficiency:** Mobile/game development, ethical hacking.  PROJECTS **Awarded Best FHL Hack at Microsoft Hackathon 2020** - Developed a prototype for a virtual sign language education application.  **DichotomyTests.com** - I developed a recreational quiz website with over 5 million page-views.  **ProjectEuler.net** - I’ve solved 150+ programming/math problems (top 0.4% of users).  **Kattis.com** - I’ve solved 300+ programming problems (top 1000 users).  **UKIEPC 2019** - Our team placed 5th in Ireland and qualified for **NWERC 2019**.  **Hack Trinity 2019** - I placed 8th in Ireland and 2nd in Trinity College. LANGUAGES English (native), Irish (fluent) |